## **ABSTRACT**

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An tie line adapter for use with a first communication system and a second communication
system, the first communication system having a tie line with a first characteristic and the second
communication system having a tie line with a second characteristic. The tie line adapter having
a first controller for controlling the first characteristic, a second controller for controlling the
second characteristic, wherein the first characteristic and the second characteristic are adjusted to
match each other to allow communication between the first communication system and the
second communication system.